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JAN 02 2003

TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/909,122A

DATE: 12/27/2002

TIME: 13:44:09

Input Set : A:\3033.1002-001.txt

Output Set: N:\CRF4\12272002\I909122A.raw

4 <110> APPLICANT: Carney, Darrell H.
5 Crowther, Roger S.
6 Simmons, David J.
7 Yang, Jinping
8 Redin, William R.
10 <120> TITLE OF INVENTION: STIMULATION OF BONE GROWTH WITH THROMBIN
11 PEPTIDE DERIVATIVES
13 <130> FILE REFERENCE: 3033.1002-001
15 <140> CURRENT APPLICATION NUMBER: 09/909,122A
16 <141> CURRENT FILING DATE: 2001-07-19
18 <150> PRIOR APPLICATION NUMBER: 60/219,300
19 <151> PRIOR FILING DATE: 2000-07-19
21 <160> NUMBER OF SEQ ID NOS: 6
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 10
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: fragment of human prothrombin
33 <400> SEQUENCE: 1
34 Cys Glu Gly Asp Ser Gly Gly Pro Phe Val
35 1 5 10
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 10
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: human fragment of prothrombin
W--> 46 <221> NAME/KEY: VARIANT
47 <222> LOCATION: (2)...(2)
48 <223> OTHER INFORMATION: Xaa = Glu or Gln
W--> 50 <221> VARIANT
51 <222> LOCATION: (9)...(9)
52 <223> OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
W--> 54 <400> 2
W--> 55 Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
56 1 5 10
59 <210> SEQ ID NO: 3
60 <211> LENGTH: 4
61 <212> TYPE: PRT
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:

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65 <223> OTHER INFORMATION: fragment of human prothrombin
67 <400> SEQUENCE: 3
68 Arg Gly Asp Ala
69 1
72 <210> SEQ ID NO: 4
73 <211> LENGTH: 14
74 <212> TYPE: PRT
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: fragment of human prothrombin
W--> 80 <221> NAME/KEY: VARIANT
81 <222> LOCATION: (6)...(6)
82 <223> OTHER INFORMATION: Xaa = Glu or Gln
W--> 84 <221> VARIANT
85 <222> LOCATION: (13)...(13)
86 <223> OTHER INFORMATION: Xaa = Phe, Met, Leu, His or Val
W--> 88 <400> 4
W--> 89 Arg Gly Asp Ala Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
90 1 5 10
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 25
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: fragment of human prothrombin
101 <400> SEQUENCE: 5
102 Ala Gly Thr Arg Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys
103 1 5 10 15
104 Glu Gly Asp Ser Gly Gly Pro Phe Val
105 20 25
108 <210> SEQ ID NO: 6
109 <211> LENGTH: 23
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: c-terminal amidated fragment of human thrombin
W--> 116 <221> NAME/KEY: AMIDATION
117 <222> LOCATION: (23)...(23)
118 <223> OTHER INFORMATION: valine is amidated as CONH2
W--> 120 <400> 6
121 Ala Gly Thr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly
122 1 5 10 15
123 Asp Ser Gly Gly Pro Phe Val
124 20

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/909,122A

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TIME: 13:44:10

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 2,9
Seq#:4; Xaa Pos. 6,13